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Winter Seed Wheat

CEREAL INVESTIGATIONS.



ONE OF OUR HEAVY YIELDING FIELDS OF CONTRACT WINTER WHEAT BEING HARVESTED FOR SEED. A. A. BERRY IN THE DISTANCE.

Winter Wheat a Money Maker.

The Winter Wheat Crop is one of the most important and profitable crop the farmer can grow, and for this reason it should have more attention than before. We wish we might persuade every farmer to grow Winter Wheat, for we can convince them that it will produce more dollars per acre than any other crop, not excepting corn. The best and most progressive farmers are the ones who sow winter wheat. If it were not a profitable crop they would not grow it, for the wide-awake farmer of today is getting as much from his high priced land as possible.

The important point about growing Winter Wheat, is the seed question. It is absolutely necessary to have good plump seed which has been cleaned and graded of a hardy, heavy yielding variety and not runout stock which is so often used.

We have proven that wheat will yield from 50 to 70 bushels per acre, but you must have proper Seed.

The Experimental Stations realize the importance of good recleaned seed, and have been making a great study of the Winter Wheat question. The Kansas Station no doubt has done more experimenting and they find that the Kharkov is the heaviest producing variety, as well as being unusually hardy. Below is given their report.

KANSAS EXPERIMENTAL STATION.

Best Producing Varieties of Hard Winter Wheat.

Variety.	Bu. per acre
Kharkov yielded in 1909.....	52.81
3 year average 1907 - 1909.	
Kharkov	47.39
Defiance	47.22
Hard Red Winter	46.31
Bearded Fife	44.93
Malakoff	44.83
Turkey Red	44.79
Botany	39.13

NEBRASKA EXPERIMENTAL STATION.

The Nebraska Experimental Station has also given much study to winter wheat and have made tests repeatedly, and find Kharkov by far the best variety. We give their report showing Kharkov made the phenomenal yield of 66.9 bushels per acre.

Kharkov	66.9
Turkey Red No. 3	57.
Beloglina	53.3
Turkey Red	52.04
No. 1535	45.89
No. 1672	37.87

The Iowa State College have tested Kharkov and speak very highly of it; also report it a heavy yielder and well adapted to this state.

One Field Yielded 67 1-2 Bushel.

We are sure we could convince you that our Improved Seed Wheat would prove the most profitable investment you can make. We know it will outyield common varieties and are so sure of it that we will take the risk and give you a guarantee so that you are absolutely protected when you buy our New Imported Kharkov. We show a photograph of a field that yielded 67½ bushel, and at the Nebraska Experimental Station, it yielded 66.9, so there is no question but what this variety will outyield all others. We have many customers who average from 40 to 50 bushel of wheat per acre. You can do fully as well if you will secure some of our New Imported Kharkov and sow it on good rich soil.

UNHEARD OF AGREEMENT.

We agree to refund the difference over market price paid for our New Imported Kharkov, if it does not increase your yield and cause you to grow more wheat per acre. This guarantee only applies to the New Imported Kharkov Seed Wheat which is the variety to sow and protects every customer buying this variety.

Mail and Breeze Subscriber Reports Kharkov Unequaled.

Mr. Editor—I have been very successful in raising good crops of wheat and cannot record a single failure, when my neighbors on the same kind of soil get no crop at all I have from 30 to 35 bushels per acre. If they get from 15 to 25 bushels per acre I have from 40 to 45. I raise Kharkov wheat entirely, since up to date it is the greatest drought-resisting variety known. Three-fourths bushel is enough for seed.

For the last five years I have raised 45, 45, 30 and 40 bushels per acre, and I now have 20 stacks cut from 87 acres. This wheat is not threshed yet, but I felt justified in insuring it for \$2,500 against fire. My two sons are following my plan on adjoining farms and have nearly the same success.

CONRAD KRUGER, Pfeifer, Kans.

Kharkov Produced \$65.00 Per Acre.

Just think of wheat producing \$65.00 per acre, and this is just what our Kharkov did for one of our old customers in Freemont county, the county west of us. He made this report.

Thurman Iowa

Gentlemen—The seed I ordered from you last fall was for my tenant, who sowed 18 acres and threshed 936 bushel making 52 bushel per acre, a record breaker for this part of the country. I am selling that wheat now to neighbor farmers for seed at \$1.25 per bushel.

Yours truly,

T. C. COLE

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U. S. Department of Agriculture.

Our Study of Winter Wheat.

The location has a great deal to do with the success of seed wheat and we are very fortunate in this respect, for we are located near the northern edge of the winter wheat belt which means a great deal to the prospective buyer. Our winters are very severe and it takes a mighty hardy variety to withstand the hard freezes and unfavorable springs we are subject to. Many fields in this section winter killed, but our fields which were sown from the



THIS FIELD WAS SOWN WITH BERRY'S NEW IMPORTED KHARKOV SEED WHEAT WHICH WE JUST IMPORTED, AND MADE THE REMARKABLE YIELD OF 67½ BU. PER ACRE, TESTING 63 LBS. PER BU.

most hardy stock seed stood the cold winter and came out in good shape. In fact we never had a heavier crop or better seed wheat than what we have to offer this season. It is to your interest to secure a hardy variety of winter wheat, and you can do this no better than securing your seed from a section where it has been severely tested by the cold winters.

We have been growing winter Wheat for a great number of years and have given a great amount of study to this crop. It has been our desire to increase the yield of this crop so that it will yield as much as corn, which we believe can be done by constantly improving our seed and keep breeding for yield as well as hardiness.

We have experimented with a number of new varieties but we find our new import of Kharkov is yielding better than any of the new varieties, and far better than the old. Winter Wheat is a splendid crop to grow and we are much interested in it and are anxious for every farmer to secure a start of our imported seed and begin growing it for it will mean dollars to you.

The Kharkov we have found to be the greatest stooler and this no doubt is the cause of its phenomenal yields.

There is no more important or profitable crop than winter wheat and if the farmers and wheat growers would give more careful attention to variety and quality of seed they sow, as well as preparation of the seed bed, they would find winter wheat growing the leading money making crop of the farm.

Those of you who have been accustomed to sowing spring wheat, yielding from 15 to 20 bushels to the acre, would find it most profitable and remunerative if you would make a change and sow some improved variety of winter wheat. It is just as easy, yes easier to grow 40 bushels of winter wheat as it is to grow 20 bu. of spring wheat to an acre, thus doubling your profit and more for the expense would not be so great in comparison. There is absolutely no risk in sowing winter wheat, for our improved varieties will withstand the severest winters and make a heavy yielding crop, thus insuring you success. Why not secure some new seed and get started right.

Change Your Seed Wheat

All of you have read of crop rotation and know something of the results of changing your crops, but there are few farmers who give enough attention to the seed proposition. It is certainly necessary to change your seed and especially is this true of winter wheat. You can take the same variety to a different locality and the results as a rule are better. All farmers have noticed this, and even by securing seed from their neighbor have increased their yield and raised better crops than the

neighbor from whom the seed was secured. This principle holds good and is a very important point to consider.

By sending to us for seed wheat you not only secure a change from the best section of the winter wheat belt, but also secure seed from the highest yielding varieties and by doing this you are sure to increase your yield and raise a better crop.

You cannot afford to sow old worn out varieties when you can double your yield in many cases by sowing our Pure. Genuine Imported Stock which has been carefully re-cleaned and graded, for it will mean to you a net profit of \$10.00 to \$15.00 per acre on every acre put in wheat.

You will also have a great call for seed wheat from your neighbors for they will not be slow in making a change after seeing your results, and you will be able no doubt to sell your first crop for seed purposes at a fancy price over market value. Many customers have done this and there is no reason why others cannot do the same thing, for there is always a demand for any thing which has merit and is really superior. By all means change your seed wheat, and do it now.

The initial cost of our Imported Kharkov is only a small matter to take into consideration. We are very conservative when we state you can increase your yield 10 to 20 bushels per acre by sowing our Improved Kharkov. We know what this variety will do in the way of yield and cannot recommend it too highly for it will come up to your highest expectations.

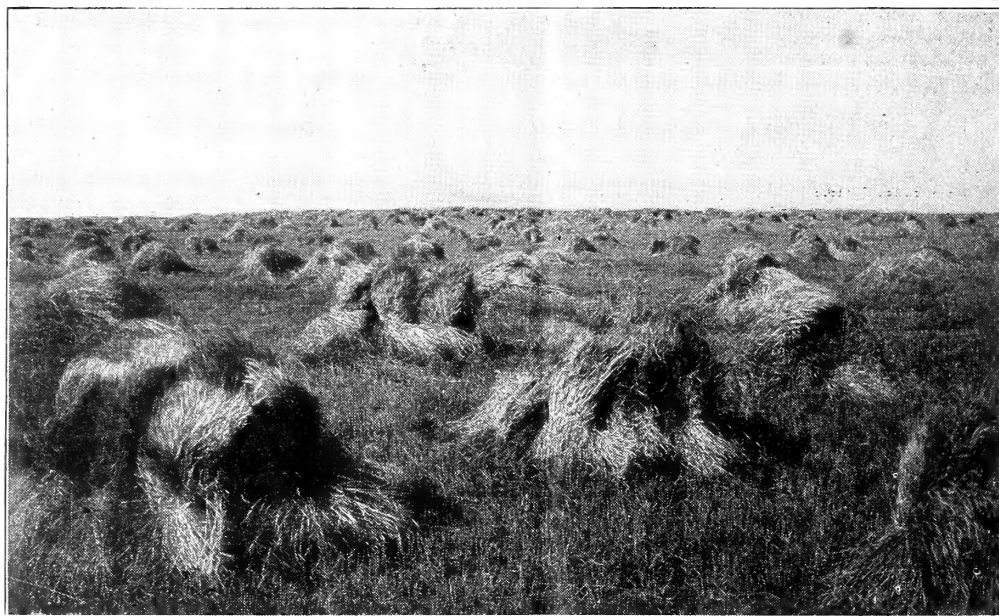
How Our Seed is Grown.

Our Seed Wheat is grown for us under contract. We secure the very best stock seed we can obtain of such varieties which we have tested and know absolutely to be the most hardy and make the heaviest yields, and by doing this we can grow superior seed.

We are very careful in the preparation of our seed bed, for it is necessary in order to have good results and then sow our crop early in the fall on good rich soil so that it will get a good start before hard freezing weather. Our wheat withstands the winters and comes out in the spring in fine shape and our fields are certainly a pretty sight at harvest time for they are even, free from weeds and not a head of rye to be seen.

We thresh our wheat as early as we can in the fall so as to have our seed ready for the trade. After our wheat is threshed we are very careful in cleaning and grading it so you only get nice plump grains, which are the choicest seed. By careful grading we raise the yield of the same wheat fully five bushels per acre if not more. It never pays to sow wheat that has not been cleaned. Our seed wheat is absolutely free from rye and cheat and is the very choicest seed you can obtain and guaranteed to be satisfactory.

We have made our prices as low as it is possible to offer seed wheat of the quality we are quoting. It is always our desire to furnish the best quality for the least money, but we do not believe any of our customers would want us to reduce the quality in order to lower the price. Our seed wheat will stand inspection and all we ask is a trial order.



FIELD OF KHARKOV WHEAT WHICH YIELDED 53 BUSHELS PER ACRE AT THE EXPERIMENTAL STATION

BERRY'S NEW IMPORTED KHARKOV. THE GREATEST STOOING WHEAT.

Berry's New Imported Kharkov is the greatest and most wonderful variety of winter wheat ever imported. We first introduced this variety six years ago and the demand for this variety has been phenomenal. We have had difficulty in supplying our trade, for our seed met with such favor and has been recommended so highly by the experimental stations.

Last fall, we imported direct from Russia a limited quantity of the very choicest stock seed we could obtain for our seeding, and our New Imported Kharkov has proven far superior to the first seed we secured. Everyone who has seen our fields of New Imported Kharkov pronounce it the finest wheat ever introduced into this country.

This variety is unequalled for hardiness coming direct from a cold climate and has also proven itself the heaviest yielding variety ever obtained. It has been known to yield 75 bushels per acre. The average yield is from 40 to 50 bushels. It sends out more stools from each grain and grows a heavy, stiff rust proof straw which stands up well and does not lodge on rich ground, and is a great drought resister.

The berry is large, plump and of a medium red color, slightly lighter than Turkey Red and is also a bearded variety. It requires from $4\frac{1}{2}$ to $1\frac{1}{2}$ bushels of seed to the acre. It is as hardy as Winter Rye and can be grown with the best of success all over the winter wheat belt. There is absolutely no risk in sowing New Imported Kharkov, for our agreement on first page protects you absolutely, and you should by all means secure a start of this splendid variety. Money refunded if it fails to outyield your common stock.

We cannot recommend our new variety too highly, for it will do just what we say. We want you to secure a start of our New Imported Kharkov and see for yourself what new seed wheat, of the proper kind will do in the way of yield. Remember our seed is put in the very best kind of shape for sowing; being thoroughly cleaned and graded, and is absolutely free from rye, cheat and all weeds and is backed by our strong guarantee.

Price—1 lb. postpaid 35c. By freight your expense $\frac{1}{4}$ bu. 75c; $\frac{1}{2}$ bu. \$1.25; 1 bu. \$2.25; 2 or more bu. \$2.00 per bu; 10 bu. or more \$1.90 per bu; 25 bu. or more \$1.80 per bu. Bags free.

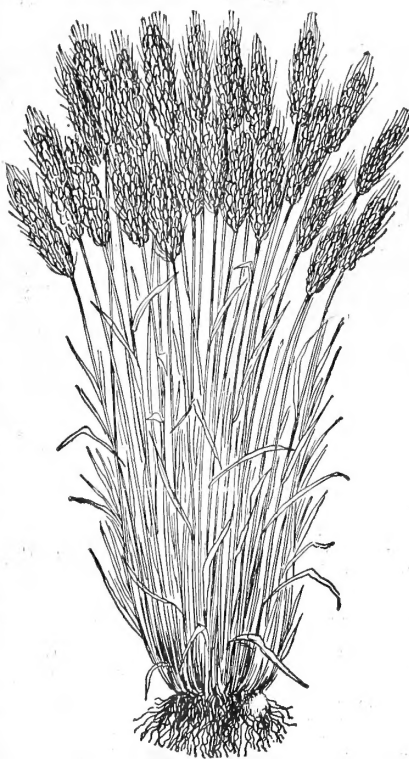
KHARKOV.

This is the same strain of Kharkov that we have been selling for the past five years. Six years ago we imported our seed and have grown it every year, and have found no other variety equal to it. We have improved our seed and we know you will be more than pleased with it. Description same as above. We have a much larger stock of this variety and consequently can make lower prices. But it has been put in just as good shape and is free from rye and cheat, and will improve entirely satisfactory.

Price—By freight your expense, $\frac{1}{4}$ bu. 50c; $\frac{1}{2}$ bu. 90c; 1 bu. \$1.75 2 or more bu. \$1.65 per bu; 10 bu. or more \$1.50 per bu.

IMPROVED TURKEY RED.

It is not necessary to say a great deal about Turkey Red, for every wheat grower is familiar with this variety. There is no question but what it is a good variety, and we have been improving it for several years, and the seed we are offering is far superior to what is commonly called Turkey Red.



This cut was made from an actual photo of a bunch of BERRY'S IMPORTED KHARKOV WHEAT which grew from one grain. It stools more than other varieties.

You will find our Improved Turkey Red to be a heavy yielder and very hardy. It will grow wherever winter wheat can be grown successfully. Farmers who prefer Turkey Red should order some of our pure seed, and get a start. You will increase your yield and raise better wheat at a slight additional cost of seed.

Price— $\frac{1}{4}$ bu. 85c; 1 bu. \$1.65; 2 or more bu. \$1.50 per bu; 10 bu. or more \$1.40 per bu. Ask for special prices on large amounts. Bags free, f.o.b. our station.

DEFIANCE.

An improved variety of Turkey Red; claimed to be a heavier yielder. We have tested it and while it is a splendid variety, we cannot see that it has any advantages over our Improved Turkey Red offered above. We, however, have some extra nice seed of this variety and will make a low price on it. Seed guaranteed to be well cleaned and first class stock.

Price—By freight your expense, $\frac{1}{4}$ bu. 80c; 1 bu. \$1.50; 2 or more bu. \$1.45 per bu; 10 bu. or more \$1.35 per bu.

BULGARIAN.

This is one of the oldest varieties of winter wheat and has always been a favorite variety with many farmers. It is very hardy and a splendid yielder. The berry is light red and much softer than Turkey Red, consequently, is easier to grind and makes a finer grade of winter wheat flour. We feel confident you will be pleased with it, we are pleased to offer at the following low prices.

Price—1 bu. \$1.70; 2 or more bu. \$1.60 per bu; 10 bu. or more \$1.45 per bu. Bags free f.o.b. our station. Ask for special prices on large amounts.

MALAKOFF.

This is a Russian variety of winter wheat, very similar to the Turkey Red. It yields well and does exceptionally well in some localities, but it is not adapted to all sections of the wheat belt.

Price— $\frac{1}{4}$ bu. 80c; 1 bu. \$1.50; 2 or more bu. \$1.45 per bu; 10 bu. or more \$1.30 per bu. Bags free for shipment.

READ THE REPORTS ON KHARKOV.

We only have a limited amount of space on this circular, but we would ask you to read a few short letters received from our customers and reports from the different experimental stations—

KHARKOV BEST OF ALL VARIETIES.

Canton, Mo. July 12, 1911.

Gentlemen—Last year I sowed four varieties of winter wheat on 40 acres to test yielding qualities. Conditions were practically the same for each kind, but the yield varied from 8 to 30 bushels. The only one to produce the 30 bushels was your Kharkov. Now I would like your best prices on a small quantity of New Imported Kharkov for a test and a start of it.

Respectfully,

M. L. HOUSER.

BEST VARIETY THAT CAN BE SECURED.

Topeka Kansas, July 19, 1911.

A. A. Berry Seed Co. Gentlemen—We are glad to learn that you are in position to furnish wheat growers with pure Kharkov seed. There is no question whatever about the superior quality of this variety of wheat. It is widely grown in the great hard wheat belt of this state with the very best results. It is recommended in the very strongest way by the experts of the Kansas Experiment Station. You will be doing the cause of wheat farming splendid service by putting good seed of this variety into the hands of farmers in Kansas and other states where hard winter wheat is desired.

Very truly yours,

ARTHUR CAPPER, Publisher Mail and Breeze

State Agricultural College.

Manhattan Kansas, July 27, 1910.

A. A. Berry Seed Co.

Dear Sirs—Your letter regarding winter wheat varieties has been referred to me for reply. I am sending you herewith circular No. 3 which will show results we have obtained with the different winter wheats. The Kharkov wheat has proven most satisfactory of all the winter wheats tested. The milling and baking tests that have been made of this variety have also been very satisfactory.

Very truly yours,

L. A. FITZ, in charge of Milling Division.

EXTRA HARDY AND HEAVY YIELDER.

Taken from Bulletin No. 121, Illinois Experiment Station.

"Kharkov is a Russian Wheat received from the Kharkov Agricultural Society, Kharkov, Russia. It is described a bearded, hard red winter wheat, similar to Turkish or Crimean, but comes from a region much farther north and therefore extremely hardy. This is the variety that gave the highest yield at the DeKalb Field.

YIELDED 16 BUSHELS MORE THAN COMMON WHEAT.

Bellywood, Neb. Jan. 22, 1910.

Mr. A. A. Berry—I will write you something concerning my wheat I bought of you last year. I told you I would write to you if it did anything. The wheat I sowed of my own raising made about 25 bushels per acre. Your Kharkov made 41 bushels per acre. I drilled it in and sowed $1\frac{1}{2}$ bu. to the acre, sowed 4 bu. and had 109 bu. of fine wheat.

Yours as ever,

ROBERT S. KAYTON.

Comparison on Yield.

If you will stop and consider the matter of buying Seed Wheat from the financial side of the question, the evidence is all in our favor.

Suppose you wanted to sow 20 acres of Winter Wheat. If you sow your common seed your average yield will not be more than 25 bushels per acre. If you secure our New Imported Kharkov, your yield will be at least 40 bushels per acre. Perhaps more, for the Kansas Experimental Station average yield for three years was 47.38 bushels per acre, and two years ago it yielded 66.9 bushels at the Nebraska Experimental Station. So, you see, our estimate is low, but this makes a difference of 300 bushels of wheat on the 20 acres and at 80c per bushel, would make a net gain of \$240.00, or a difference on profit of \$12.00 per acre. Who can afford not to sow our New Imported Kharkov? Change your seed wheat. Send today.

ALFALFA.

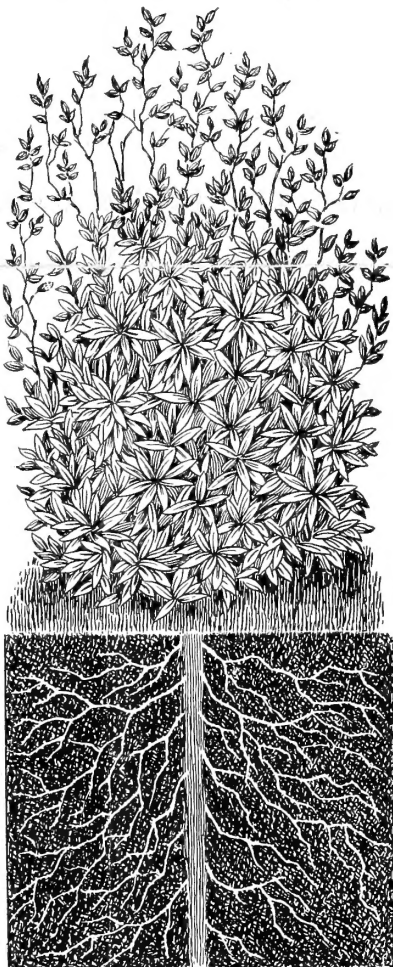
Alfalfa is, comparatively speaking, a new grass, but it is surprising to learn of the rapid gain it has made in the last 10 years and the increased acreage now growing Alfalfa. It was only a few years ago when Alfalfa growing was a new industry and it is only in the last few years that farmers are beginning to appreciate the value of it. Where Alfalfa flourishes, you will find the prosperous farmer.

A few years ago farmers thought alfalfa would not grow in Iowa, but they are changing their minds, for nearly all progressive farmers are interested in growing alfalfa. Our alfalfa customers are increasing rapidly and you will find small fields of alfalfa growing in nearly every state. We do not believe there is a state in the Union but what can grow alfalfa successfully.

There is a larger acreage of alfalfa grown each year and the price on alfalfa hay is also higher. The demand for alfalfa is something wonderful. It is almost impossible to get alfalfa hay at any price on many markets for the supply is not large enough to meet the demand. There is no hay that will bring as high a price as alfalfa and when you can grow from three to four heavy crops in a season, why not get started on this money maker. It is certainly the most profitable grass grown.

September is a splendid month to sow alfalfa, so get some seed and start growing the greatest of all grass crops.

Now, one of the main things about growing alfalfa successfully, is the preparation of the seed bed. You should spare no pains in getting the ground in the very best condition before sowing. You cannot have the ground too well pulverized and the seed bed in too good condition for the better the seed bed is prepared, the surer you are of a good stand. The seed we offer our customers is the Nebraska non-irrigated seed which has been thoroughly re-cleaned and is free from noxious weeds and is not adulterated in any way. You will find the non-irrigated seed has stronger vitality than the irrigated seed and will give better results. Remember, we only handle home grown, non-irrigated seed; while many dealers offer foreign seed which is liable to contain dodder and other noxious weeds, on account of being able to sell for less money. We only handle the best seed that will give best results. Our seed will please and give splendid satisfaction. If you sow from 15 to 18 pounds of our non-irrigated seed per acre, you will have no trouble to obtain a good stand.



Improved Mammoth White Rye

For Several years there has been a demand for an improved variety of Winter Rye. We have given this crop a great amount of attention and feel that we have been well paid in doing so, for we are today in position to offer you a variety of Rye which is far superior to what you have been accustomed to growing. You will find our Improved Mammoth White Rye will revolutionize the Rye industry, it will make growing rye a paying crop.

If you are short on pasture, you will find it a splendid crop to sow, for it makes excellent late fall and early spring pasture. There is nothing better for hog pasture, for it comes up early when you need green feed. We are confident you would find it a profitable crop to raise, if you secure our IMPROVED SEED.

Price— $\frac{1}{2}$ bu. 75c; 1 bu. \$1.40; 2 or more bu. \$1.30 per bu; 10 bu. or more \$1.25 per bu. Write for prices on larger lots. Bags free, f.o.b. our station.

TIMOTHY.

Timothy is the favorite grass, especially for a permanent meadow. There is no grass equal to it in the corn belt for hay purposes. We are located in the heart of the timothy producing section and are able to offer the best re-cleaned timothy seed at very attractive prices.

However, the timothy crop is very short this season on account of dry weather and you must expect much higher prices. We only had a fair crop but our seed is unusually bright and plump, for dry weather makes good seed. All the seed we have is new crop of the best quality. Some old seed was carried over by many dealers which is not good for sowing.

There is one thing necessary to watch when buying Timothy Seed, that is, to get new seed of high germination. Often when timothy seed is first threshed, it is run into a bin and allowed to heat, destroying the germinating power. When such seed is sown it results in the failure to get a stand. We handle our seed in bags so there is no chance of heating. We guarantee our seed to be of high germination. Our seed is home grown, pure, thoroughly re-cleaned and free from noxious weed seed. Buy direct from us and save money by doing so and secure the best. Samples sent on application. Special prices on large amounts.

GUARANTEE.

We have every confidence in the Seed Wheat we are offering and if you do not find it as represented or entirely satisfactory upon arrival, you may return it within 10 days and we will refund you your money without question, also the freight. You are the judge and jury and we stand by your verdict. If we did not know our Seed Wheat to be all right, we would not make such a broad guarantee, for we mean just what we say. See reference.

TERMS.

We have made our prices low on a cash basis and must ask that orders be accompanied with remittance to save time and cost of collection, also the time and trouble of opening accounts.

You can send remittance by Post Office Order, Bank Draft, Express Order or Personal check if more convenient.

PROMPT SHIPMENT.

We are in position to ship without delay, orders will be filled as soon as received. Our prices are on board cars Clarinda, no extra charges for bags.

REFERENCE.

Clarinda Iowa, July 20, 1911

To Whom It May Concern:

It gives us pleasure to testify to the general good standing of the A. A. Berry Seed Co. of this place. They are responsible and you can depend on any statements made by them. Their guarantee on seed wheat is binding and they will live up to their agreement in every way. You need not hesitate sending money with your order for they are perfectly reliable.

Yours respectfully,
Clarinda Trust and Savings Bank,
By A. F. GALLOWAY, Cashier.

We would also refer you to any Bank or Business man in Clarinda as to our good standing.

A. A. BERRY SEED CO. Clarinda, Iowa.